

FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

Sheet 1 of 1

ATTORNEY DOCKET NO.

9319A-000222/DVA

SERIAL NO.

10/719,969

APPLICANT

Akira ARAI et al.

FILING DATE

November 21, 2003

GROUP

1742

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	<i>JS</i>	6,527,875 B2	3/4/2003	Arai et al.	148/302	1/5/2001
2.	<i>JS</i>	6,551,418 B2	4/22/2003	Arai et al.	148/302	1/5/2001
3.	<i>JS</i>	6,558,482 B1	5/6/2003	Arai et al.	148/302	7/20/2000
4.	<i>JS</i>	6,500,277 B1	12/31/2002	Arai et al.	148/302	1/9/2001

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.	<i>JS</i>	2001-035712	2/9/2001	Japan		X	
2.	<i>JS</i>	01-205403	8/17/1989	Japan		Abstract	
3.	<i>JS</i>	10-265915	10/06/1998	Japan		X	
4.	<i>JS</i>	10-177911**	06/30/1998	Japan		X	
5.	<i>JS</i>	11-288807**	10/19/1999	Japan		X	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

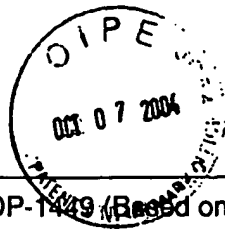
Ref. Desig.	Examiner's Initials	
1.	<i>JS</i>	Communication from Japanese Patent Office re: counterpart application No. 2000-001805
2.	<i>JS</i>	Communication from Japanese Patent Office re: counterpart application No. 2000-001804
3.	<i>JS</i>	Communication from Chinese Patent Office re: counterpart application No. 01123167.X
4.	<i>JS</i>	Communication from Chinese Patent Office re: counterpart application No. 00121672.4

Examiner: *John Blah*

Date Considered:

3-11-06

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Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation*	
						Yes	No
1.		10-317110	12/2/1998	Japan		X	
2.		08-281383	10/29/1996	Japan		X	
3.		05-261494	10/12/1993	Japan		X	
4.		58-136739	8/13/1983	Japan		Abstract	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
1.		Communication from Japanese Patent Office re: counterpart application.

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Examiner:

Date Considered:

3-11-06

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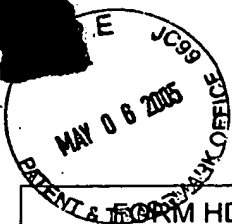
FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 2 of 2	ATTORNEY DOCKET No.	SERIAL No.
	9319A-000222/DVA	Unassigned
	APPLICANT	
	ARAI et al.	
	FILING DATE	GROUP
Herewith	Unassigned	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.	<i>SK</i>	Korean Office Action in the corresponding Korean Patent Application No. 2001-0030467.
2.	<i>SK</i>	Wang, Z. et al., "High-coercivity (NdDy) ₂ (FeNb) ₁₄ B-ALPHA-Fe nanocrystalline alloys", Journal of Applied Physics, American Institute of Physics, New York, US, Vol. 81, No. 8, PART 2B, 15 April 1997, pp. 5097-5099.
3.	<i>SK</i>	European Patent Office Search Report

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Examiner: <i>John B. Sch...</i>	Date Considered: 3-11-06
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	Akira ARAI	
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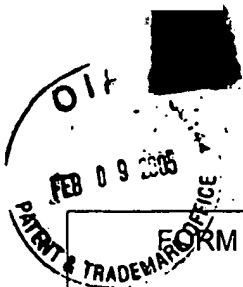
FOREIGN PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation * Yes No
1.	<i>JA</i>	0 823 713	2/11/1998	EPO		N/A
2.	<i>JA</i>	0 302 395	7/28/1988	EPO		N/A

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
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1.	<i>JA</i>	Communication from European Patent Office re: counterpart application.

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Examiner: <i>John D. Hill</i>	Date Considered: <i>3-11-06</i>
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Akira Arai, et al.

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U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	<i>JD</i>	**5,872,501	Feb/1999	Hamano, et al.		
2.	<i>JD</i>	6,187,217	Feb/2001	Arai, et al.		

FOREIGN PATENT DOCUMENTS

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1.						

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
1.	<i>JD</i>	Communication from Chinese Patent Office regarding related application

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** This reference was previously submitted with an Information Disclosure Statement.

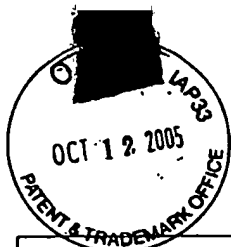
Examiner:

John P. Bell

Date Considered:

3-13-06

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APPLICANT

Akira Arai

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U.S. PATENT DOCUMENTS

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1.						

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation * Yes No
1.	<i>[Signature]</i>	06-045167	2/18/1994	Japan		X
2.	<i>[Signature]</i>	10-261515	9/29/1998	Japan		X
3.	<i>[Signature]</i>	08-045719	2/16/1996	Japan		X
4.	<i>[Signature]</i>	10-241923	9/11/1998	Japan		X
5.	<i>[Signature]</i>	11-273920	10/8/1999	Japan		X
6.	<i>[Signature]</i>	4-75302	3/10/1992	Japan		Abstract

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
1.	<i>[Signature]</i>	Communication from Japanese Patent Office re: related application.

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Date Considered:

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Received Nov. 23, 2003

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U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	JL	6,352,599	03/2002	Chang et al.		
2.	JL	5,725,792	03/1998	Panchanathan, Viswanathan		
3.	JL	5,716,462	02/1998	Sakurada et al.		
4.	JL	4,836,868	06/1989	Yajima et al.		
5.	JL	4,792,368	12/1988	Sagawa et al.		
6.	JL	4,765,848	08/1988	Mohri et al.		
7.	JL	4,684,406	08/1987	Matsuura et al.		
8.	JL	5,872,501	02/16/1999	Hamano et al.		

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Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation * Yes No
1.	JL	EP 1 115 127 A	07/2001	Europe		X
2.	JL	EP 1 115 126 A	07/2001	Europe		X
3.	JL	EP 1 162 634 A	12/2001	Europe		X
4.	JL	Patent Abstracts of Japan re: JP 01205403 A	08/1989	Japan		X
5.	JL	Patent Abstracts of Japan re: JP 08335506 A	12/1996	Japan		X
6.	JL	11-288807	10/1999	Japan		X
7.	JL	10-177911	06/1998	Japan		Abstract
8.	JL	10-53844	02/24/1998	Japan		Abstract

Examiner: <i>John P. H. M.</i>	Date Considered: 3-11-06
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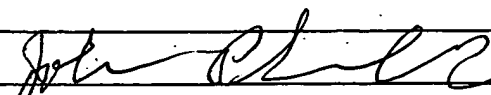
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5.		Goll, D. et al, Journal of Magnetism and Magnetic Materials, "Magnetic and Microstructural Properties of Nanocrystalline Exchange Coupled PrFeB Permanent Magnets", 185 (1998) pp. 49-60.
6.		Chang, W.C. et al, "Magnetic Properties Enhancement of Alpha-Fe/Nd ₂ Fe ₁₄ B-Type Nanocomposites by Co Substitution", Journal of Applied Physics, American Institute of Physics, New York, Vol. 83, No. 4, 15 Feb. 1998, pps. 2147-2151.
7.		Communication from Korean Patent Office re: counterpart application No. 10-2001-0031391
8.		Communication from Korean Patent Office re: counterpart application No. 10-2001-0030467

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